Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

Date: 14-06-2021

NO: BBMP/YD/KOND/WMM Grad

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work:Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Ref: Material Testing/PMC/21-22
Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.
Name of Agency/ contractor: Sri. Gopi Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**97.15**	95-100
26.50	**---**	-
22.40	**79.26**	60-80
11.20	**53.41**	40-60
4.75	**36.16**	25-40
2.36	**24.61**	15-30
0.600	**19.32**	8-22
0.075	**3.82**	0-5

A.E.E

AE-02

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Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-P/PMC/KOND / Course Agg Date: 10/05/2021

TEST REPORT ON COURSE AGGREGATES (GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work:Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2
Ref: Material Testing/PMC/21-22
Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.
Name of Agency/ contractor: Sri. Gopi Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**94.35**	95-100
26.50	**---**	-
22.40	**74.15**	60-80
11.20	**52.10**	40-60
4.75	**36.45**	25-40
2.36	**26.70**	15-30
0.600	**18.05**	8-22
0.075	**3.45**	0-5

A.E.E

A.E.E

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL- D/PMC/KOND/CEM Date: 14/06/2021

1. Test report on Cement:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work:Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Ref: Material Testing/PMC/21-22
Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.
Name of Agency/ contractor: Sri. Gopi Reddy.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	168 Min	Shall Not be less than 30 Min
2.	Final Setting Time	275 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.98 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.15 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.56 N/Sqmm	Shall not be less than 27 N /Sq mm

A.E.E

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

Date: 08/07/2021

NO: YEL-P/PMC/KOND/ M30 Road

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work:Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Ref: Material Testing/PMC/21-22

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: Sri. Gopi Reddy.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M30**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Location: End Roads- 1,2 & 3 And Temple Road Kondappa Layout, YNK W-02	01-07-21	08-07-2021	8.54	7	499.00	22.18	23.64
2		"	"	8.25	"	426.00	18.93	
3		"	"	8.63	"	503.00	22.36	
4		"	"	8.55	"	500.00	22.22	
5		"	"	8.12	"	479.00	21.29	
6		"	"	8.34	"	785.00	34.89	

A.E.E

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